

REMARKS

Applicants respectfully request reconsideration of the present application in view of the foregoing amendments and in view of the reasons that follow.

Status of Claims:

No claims are currently being added or cancelled.

Claims 45 and 47 are currently being amended.

This amendment and reply amends claims in this application. A detailed listing of all claims that are, or were, in the application, irrespective of whether the claims remain under examination in the application, is presented, with an appropriate defined status identifier.

After amending the claims as set forth above, claims 34 and 45-52 are pending in this application.

Indication of Allowable Subject Matter:

Applicants appreciate the indication of allowable subject matter made in the Office Action with respect to claims 34 (allowed), 47 and 48 (objected to). By way of this amendment and reply, claim 47 has been placed in independent form to include the features of its base claim and any intervening claims. Thus, claims 34, 47 and 48 (which depends from claim 47) are now in allowable form based on the indications made in the Office Action.

Claim Rejections – Prior Art:

In the Office Action, claims 45, 46, 49, 51 and 52 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 5,752,150 to Kato et al. in view of Japanese patent application JP 3-90200 to Asada and Japanese patent application JP 10-074001 to Morigami; and claim 50 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Kato et al. in view of Asada and Morigami, and further in view of U.S. Patent No. 2,888,541 to Netzer et al. These rejections are traversed with respect to presently pending claims 45, 46 and 49-52, for at least the reasons given below.

Presently pending independent claim 45 recites, among other things,

a second heat-resistant resin layer for adhesively bonding windings of the coil together,

wherein the second heat-resistant resin layer further bonds and fixes the coil and the core together.

The claimed second heat-resistant resin layer has the following advantageous features, which are not taught or suggested by the cited art of record, alone or in combination:

- i) increasing the heat-resistance and the insulation property; and
- ii) increasing the adhesion property of the coil itself and between the core and the coil.

As a result, it is possible to prevent the coil from getting loose and to provide a coil unit having a high insulation property and a high heat-resistance.

In more detail, Kato merely discloses a holder for isolating a coil and a heating member, in which the holder is coated with a kind of coating material.

Asada merely discusses that a litz wire is coated with a waterproof insulating layer. Furthermore, neither Morigami nor Netzer teaches or suggests a second heat-resistant resin layer as recited in claim 45.

In other words, since none of the cited art of record teaches or suggests a heat-resistant resin layer that has high heat resistance, insulation property, and adhesion property, presently pending independent claim 45 patentably distinguishes over the combined teachings of the cited art of record.

Accordingly, claim 45, as well as its dependent claims 46 and 49-52, are patentable over the combined teachings of Kato et al., Asada, Morigami and Netzer.

Conclusion:

Since all of the issues raised in the Office Action have been addressed in this Amendment and Reply, Applicants believe that the present application is now in condition for allowance, and an early indication of allowance is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check or credit card payment form being in the wrong amount, unsigned, post-dated,

otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicants hereby petition for such extension under 37 C.F.R. §1.136 and authorize payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

Date November 2, 2006

By Phillip J. Articola

FOLEY & LARDNER LLP
Customer Number: 22428
Telephone: (202) 945-6162
Facsimile: (202) 672-5399

Pavan K. Agarwal
Registration No. 40,888
Phillip J. Articola
Registration No. 38,819